

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No. 004372
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Docket No. 108426-00045
Date: February 5, 2004

Director of the U.S. PTO
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): A FAILURE DIAGNOSING APPARATUS FOR AN ENGINE COOLING
WATER TEMPERATURE SENSOR

By (Inventors): Toshinori TSUKAMOTO (Saitama, JP), Yoshitaka TAKASUKA (Saitama,
JP), Eisaku GOSYO (Saitama, JP)

- ☒ 28 pages of Specification/Claims 1-21/Abstract are attached.
- ☒ Formal drawings (Figs. 1-9; 9 sheets) are attached.
- ☒ An Information Disclosure Statement is attached, along with Form PTO-1449, and 2 references.
- ☒ Priority of foreign application No. 2003-042069 filed February 20, 2003 in Japan is claimed under 35 U.S.C. §119.
- ☒ A certified copy of the above corresponding foreign application is attached.

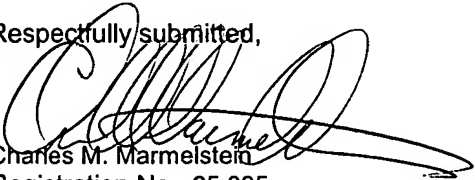
The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	21 - 20	= 1
INDEP CLAIMS	3 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS		

SMALL ENTITY			LARGE ENTITY	
RATE	FEE	OR	RATE	FEE
	\$ 385	OR		\$ 770
x 9 =	\$	OR	x 18	\$ 18
x 43 =	\$	OR	x 86	\$
+145 =	\$	OR	+290	\$
TOTAL	\$	OR	TOTAL	\$ 788

- ☒ A check for the filing fee is not enclosed at this time.

Respectfully submitted,


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CMM/cam